

Seasonal Wetland Ecology Technicians Fort Wainwright and Donnelly Training Area, Alaska



Center for
Environmental
Management
MILITARY LANDS
Colorado State University

POSITION

Several wetland ecology technician positions are available with the Center for Environmental Management of Military Lands (CEMML). These are seasonal positions (June through September) located at Fort Wainwright and Donnelly Training Area, Alaska.

ORGANIZATION

CEMML is a research, education and service unit within the Warner College of Natural Resources at Colorado State University (CSU). CEMML applies the latest and most appropriate science to promote the sustainable management of natural and cultural resources on Department of Defense (DoD) and other public lands. We provide technical support, conduct applied research, and offer career development and learning opportunities to support resource stewardship. We collaborate with our sponsors and within CSU to resolve complex environmental issues, leaving a legacy of science-based decisions that sustain our resources for future generations.

To learn more about CEMML's contributions to land management, our mission, vision, and values, visit <http://www.cemml.colostate.edu/>.

LOCATION

Work will occur on Fort Wainwright and in Donnelly Training Area, both in interior Alaska. Fort Wainwright is located on the east side of Fairbanks, Alaska. Fort Wainwright encompasses over 900,000 acres, including a main post area of 4,470 acres, 8,825 acres of ranges, and over 890,000 acres of military maneuver areas. Approximately 15,000 people live and work at Fort Wainwright. Fairbanks is the second largest city in Alaska by population and hosts movie theaters, museums, parks, extensive hiking and biking paths, home of Alaska's largest university and numerous outdoor recreational activities. Donnelly Training Area is part of the Fort Wainwright maneuver range and is located near Delta Junction, interior Alaska's agricultural center. Delta Junction is a small town of just under 1,000 residents and is located about 90 miles south of Fairbanks, the closest city. The town has incredible views and access to the Alaska Range, the Delta, Tanana and Clearwater Rivers, and basic services (groceries, library, and medical clinic). Summertime climate in both locations is typically sunny with temperatures of 60–90 °F.

RESPONSIBILITIES

The successful candidates will assist with wetland mapping on Army lands. Identification of wetlands is based on a three-factor approach involving indicators of hydrophytic vegetation, hydric soil, and wetland hydrology. Main duties for this position include off-trail hiking to field site locations, plant collection and cataloging, and plant identification with field guides and botanical keys. Integral to this position are identifying hydric soil and wetland hydrology indicators, knowledge of soil formation, interpreting aerial photos, locating plots with GPS units, entering data into databases, working in inclement conditions, occasionally camping in remote areas, traveling in fixed and rotary wing aircrafts, and operating ATVs and 4-wheel drive trucks. Assistance digging soil pits, coloring and texturing soils, and describing soil profiles will also be expected. Out-of-state applicants are encouraged to apply, though they should note that off-duty transportation and relocation costs are not provided.

MINIMUM QUALIFICATIONS

The successful candidates must demonstrate U.S. employment eligibility; CEMML will not provide visa sponsorship for these positions. These positions require a bachelor's degree in soil science, hydrology,

botany, biological science, wetland or terrestrial ecology, or a closely related field. Wetland ecology technicians must have prior field data collection experience and be versed in using botanical keys (i.e., Flora of the Yukon Territory) as well as collecting floristic data. Successful candidates should be capable of following detailed protocols, working effectively in small groups, and conducting repetitive tasks in an office setting, as well as outside in cold, wet and mosquito infested conditions while hiking for up to 10 hours per day on uneven, wet terrain carrying a 30 lb. pack and a shovel. Wetland ecology technicians must have or be willing to obtain a valid driver's license.

DESIRABLE QUALIFICATIONS

Knowledge of northern boreal plant ecology and a working understanding of wetland ecology, hydrology and soil processes are highly desired. Successful candidates should be highly motivated to learn, interact closely with team members and enjoy field work.

BACKGROUND CHECK

Colorado State University (CSU) strives to provide a safe study, work, and living environment for its faculty, staff, volunteers and students. To support this environment and comply with applicable laws and regulations, CSU conducts background checks. The type of background check conducted varies by position and can include, but is not limited to, criminal (felony and misdemeanor) history, sex offender registry, motor vehicle history, financial history, and/or education verification. Background checks will be conducted when required by law or contract and when, in the discretion of the university, it is reasonable and prudent to do so.

PAY RATE

Pay rate is commensurate with experience and qualifications. Pay rate is \$17.00 - \$19.00/hour (40 hours/week). Crews generally work four 10-hour days followed by three days off. Continuation of the position is dependent on the receipt of funding from the sponsor.

APPLICATION

Applications will be accepted until all positions are filled. To apply for this position, submit the following items in your application package:

- (1) Cover letter explaining why you are qualified for this position and how you meet the minimum qualifications
- (2) Resume
- (3) Copy of college transcripts (unofficial copies are acceptable)
- (4) Names, daytime phone numbers, and email addresses of three professional references, one being a current or recent supervisor.

Documents must be delivered as Word or PDF files. Incomplete applications or those containing sensitive personal information (i.e., social security or driver license numbers, birthdates) will be removed from consideration.

Send applications to Helen Cold at Helen.Cold@colostate.edu

For more information, contact Helen Cold at the above e-mail or phone at (907) 361-7724

Colorado State University does not discriminate on the basis of race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity or expression, or pregnancy. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce, and complies with all federal and Colorado state laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.

Reflecting departmental and institutional values, candidates are expected to have the ability to advance the department's commitment to diversity and inclusion.

See a complete listing of open CEMML positions at <http://www.cemml.colostate.edu>.